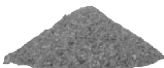










UPDATED

DAYLIFE



Water Treatment Media

Chemical	Description	Application	Regeneration	Characteristics
Sand Media 	Inert silica sand available in variable grain sizes.	Particle and sediment filtration in general swimming pool and water treatment application.	Backwash	Particle Size: Media A: (0.2 – 1.2mm) Media B: (2 - 4mm) Media C: (5 - 8mm) Service Velocity: 10-20m/hr (water treatment), 30-50m/hr (swimming pool) Density: 1560gms/L Packaging: 50Kgs (1 cu ft)
Glass Media 	Environmentally friendly media made from recycled glass as a direct replacement to sand media. Removes up to 30% more sediments than sand saving on backwashing. Being less dense than sand, it requires 15% less material to fill an equivalent filter.	Particle and sediment filtration in water treatment and swimming pool applications	Backwash	Particles Size Grade 1: 0.7mm Grade 2: 3mm Grade 3: 6mm Service Velocity: 15-25m/hr (water treatment), 30-50m/hr (swimming pool) Packaging: 25kg
Activated Carbon Jacobi Aquasorb/Dayliff Panthera 	Medium activity granular activated carbon manufactured from coconut shell. Its enhanced microporosity makes it well suited for the removal of low molecular weight organic compounds and chlorinated by products. Other features include excellent adsorption capacity, high volume activity, rapid dechlorination and low filtered water turbidity.	Removal of oxidising agents such as chlorine and ozone from process water, odor reduction and conditioning	Backwash and steam / Chemical regeneration	Particle size: 6x12 mesh (3.35-1.70mm) Surface volume: 1050m ² /g Service velocity: 3-9m/hr for organic removal, 1000mm depth, minimum bed depth 600mm Density: 540g/m ³ Packaging: 25Kgs
Softening Resin 	A strongly acidic polystyrene bead gel type resin containing sulphonic acid.	Industrial & domestic water softening application with high hardness of calcium and magnesium salts.	Backwash and brine rinse.	Particle size: 0.66mm. Exchange capacity: 75gCaCO Density: 830gms/L. Packaging: 25Liters
Amberlite IRA402 Cl 	Strongly basic anion exchange resin with cross linked polystyrene structure designed to give an optimum balance of capacity and regeneration efficiency in water treatment applications.	Removes both strong and weak acids including silica.	Reagent: NaOH Level: 60-150g/l. Concentration: 2-4% Min. Contact Time: 30 minutes	Physical form: Pale yellow translucent spherical beads. Functional group: Trimethyl ammonium Ionic form as shipped: Chloride Total exchange capacity: >1.20 eq/L (Cl ⁻ form) Moisture Holding Capacity: 49 to 60% (Cl ⁻ form) Particle Size: < 1.6 Maximum Operating Temperature: 60°C. Minimum Bed Depth: 700mm. Service Flow Rate: 8-40 BV*/h. Shipping Weight: 670g/L

Chemical	Description	Application	Regeneration	Characteristics
Amberlite IR120H 	Strongly acidic gel type cation exchange resin of the sulfonated polystyrene type.	An excellent general purpose cation exchange resin that can be used for a wide variety of water demineralisation applications (in H ⁺ form)	Reagent1: HCl Level: 50-150g/L Concentration: 5-8% Min. Contact Time: 30 minutes Reagent2: H ₂ SO ₄ Level: 60-240g/L Concentration: 0.7-6% Min. Contact Time: 30 minutes	Physical form: Amber spherical beads. Functional group: Sulfonic acid. Ionic form as shipped: H ⁺ . Total exchange capacity: > 1.8 eq/L (H ⁺ form). Moisture Holding Capacity: 53 to 58% (H ⁺ form) Particle Size: < 1.8 Maximum Operating Temperature: 135°C. Minimum Bed Depth: 700mm. Service Flow Rate: 5 to 40 BV*/h. Shipping Weight: 800g/L
DMI65 	Silica sand based catalytic water filtration media that utilizes oxidation, adsorption and filtration process to remove impurities. Due to the infused technology, DMI65 has the advantage of longer life and removes the chance of chemical leaching into the water stream as compared to other catalytic water filtration media.	Removal of Iron and Manganese, Arsenic, Aluminum, other hard metals and hydrogen Sulphide	Self generates provided a continuous flow of low concentration Sodium Hypochlorite is available. Backwash	Particle Size: 0.35 – 0.65mm Mesh Size: 20-40 Service Flow Rate: 5-20m/hr Minimum Bed Depth: 600mm Shipping Weight: 146gms/L Packaging: 21kg
Indion RS-F 	Microporous ion exchange resin beads designed to selectively remove fluoride from water. Performs well, even in the presence of common anions such as chlorides and sulphates.	Fluoride Removal	Reagent: Powder PAC Concentration: 9% Min. Contact Time: 50 min	Particle size range : 0.3 to 1.2 mm Service flow rate: 10 -15 BV/h Fluoride adsorption capacity: 1 - 2 g/l Minimum depth: 400 mm Maximum operating temperature: 60°C Operating pH range: 5.5 to 8.5 Feed water Turbidity 1-2 NTU, Feed Water Organics - nil Feed Water Alkalinity < 500 ppm as CaCO ₃ Feed Water TDS < 1500ppm Feed Water Iron and heavy metals < 0.5 ppm. Packaging: 25liters
Everzit® N Anthracite 	A filtration media of hard coal with the highest carbon content and fewest impurities of all coal types. It has lower specific gravity than sand and glass media allowing it to be used in dual-media filtration as the coarse media at the top of the bed, together with finer sand or glass media at the bottom of the bed, making "deep bed filtration" possible. Dual-media filtration gives a filter bed higher retention of solids and longer running cycles.	Particles and sediment filtration in general, swimming pool and water treatment.	Backwash	Particle Size: Type II: (1.4-2.5) mm Type III: (2.0-4.0) mm Service Velocity: 10-20m/hr (Water Treatment) 30-50m/hr (Swimming pool) Density: 1450 gms/L Packaging: 35kg